



## Minnesota Ag News – Crop Weather

USDA, NASS, Minnesota Field Office  
P.O. Box 7068 – St. Paul, MN 55107  
(651) 201-6030 • (651) 201-6479 FAX

Email: [nass-mn@nass.usda.gov](mailto:nass-mn@nass.usda.gov) - Homepage: <http://www.nass.usda.gov>

Released: October 4, 2010

Issue No: CW-39-10

COOPERATING WITH THE MN DEPARTMENT OF AGRICULTURE, NATIONAL WEATHER SERVICE - CHANHASSEN, MN

UNIV. OF MINN. EXTENSION SERVICE, DNR STATE CLIMATOLOGY OFFICE, USDA-FSA, USDA-NRCS, and Local FACs

### A WELCOMED STRETCH OF DRY WEATHER

Dry weather prevailed this week, allowing harvest activity to resume in higher, drier areas, according to the USDA, NASS, Minnesota Field Office. As of October 3, precipitation amounts were light for most reporting stations. The northern third of the state reported accumulation from 0.10 inch in the northwest to 0.30 inch in the northeast. Several reporters noted that fields dried rapidly and fieldwork has resumed across the state, even in southern areas that received heavy rainfall the previous week. Topsoil moisture supplies were rated 53 percent adequate and 47 percent surplus, compared to 28 percent adequate and 72 percent surplus last week. Statewide 4.6 days were rated suitable for fieldwork.

Temperatures were above normal for the week. Daytime highs were in the 70s throughout most of the state with overnight lows falling into the 20s in some areas. The average statewide temperature was 54.4°.

Soybean producers made the most harvest progress during the week advancing 23 percentage points to 29 percent harvested, compared to 17 percent last year and 36 percent for the five-year average. Corn harvested advanced 2 percentage points to 4 percent, compared to 1 percent last year and 6 percent average. Corn silage harvest was nearly complete at 97 percent, compared to 78 percent last year and 90 percent average. Dry beans were 85 percent harvested, potatoes were 76 percent harvested, sunflowers were 22 percent harvested, and sugarbeets were 34 percent harvested, all ahead of their respective averages.

Corn in the mature stage was 92 percent, compared to 34 percent last year and 74 percent average. Corn was rated in 53 percent good and 33 percent excellent condition, a slight increase from the previous week.

Ninety-seven percent of soybeans were shedding their leaves, compared to 93 percent last year and 96 percent average. Soybeans were 88 percent mature, compared to 66 percent last year and 83 percent average. Soybeans were rated in 55 percent good and 29 percent excellent condition, an increase from the previous week.

The following links provide further weather-related information and maps for Minnesota:

Minnesota Climatology Working Group provides statewide precipitation maps for the previous week:  
<http://climate.umn.edu/doc/weekmap.asp>

National Weather Service's Minnesota Data:  
<http://www.nws.noaa.gov/view/states.php?state=MN>

#### Days Suitable for Fieldwork: 4.6

	Very Short	Short	Adequate	Surplus
	----- Percent -----			
Topsoil Moisture	0	0	53	47

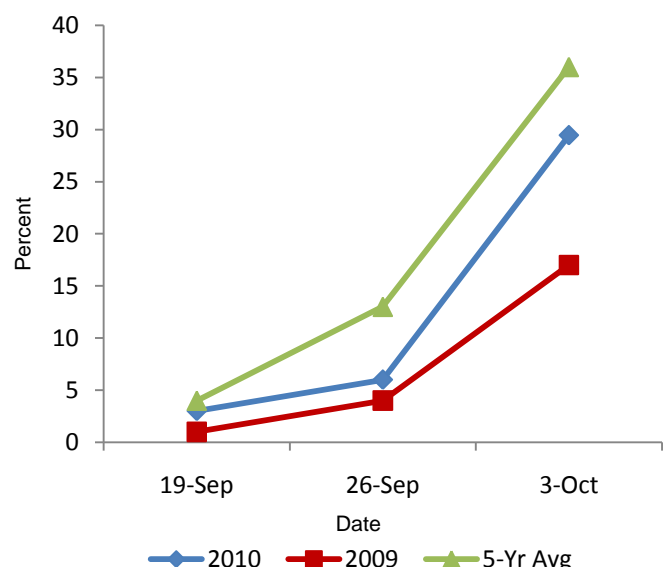
#### Crop Progress as of October 3, 2010

Crop	Stage of Development	This Week	Last Week	Last Year	5 Yr Avg
		----- Percent -----			
Corn	Mature	92	79	34	74
Corn	Harvested	4	2	1	6
Corn Silage	Harvested	97	92	78	90
Soybeans	Shedding Leaves	97	90	93	96
Soybeans	Mature	88	63	66	83
Soybeans	Harvested	29	6	17	36
Soybeans	Moisture Content	13	NA	13	13
Potatoes	Harvested	76	62	71	73
Dry Beans	Harvested	85	65	67	79
Sunflowers	Harvested	22	12	9	8
Sugarbeets	Harvested	34	16	21	24

#### Condition as of October 3, 2010

	Very Poor	Poor	Fair	Good	Exc
----- Percent -----					
Pasture	0	4	21	56	19
Sugarbeets	1	2	6	58	33
Corn	1	4	9	53	33
Soybeans	1	4	11	55	29
Sunflowers	2	4	20	60	14

### Soybeans Harvested



PRECIPITATION AND TEMPERATURES FOR THE WEEK ENDING October 3, 2010:  
Temperatures averaged from 0.1 degree above normal in the Southeast District to 3.9 degrees above normal in the Northwest District. Extremes: 23 degrees in Hibbing; 81 degrees in Preston. Average precipitation ranged from 0.63 inch below normal in the Southeast District to 0.38 inch below normal in the Northeast District. Greatest weekly total of 0.40 inch was recorded in Grand Marais.

For a map of Minnesota's precipitation, please see the Minnesota Climatology Group's website; <http://climate.umn.edu/doc/weekmap.asp>.

Precipitation and Temperature Summary for 9/27/2010 through 10/3/2010

	Temperature				Precipitation				G D D	
	High	Low	Week Ave	Depart from Norm	Week Total	Depart Past Week	Four Weeks	From Norm Since 4/1	Since April 23	Depart from Norm
<u>NW DIST 1</u>										
Crookston	72	32	54.4	3.0	.31	-.16	3.27	4.67	2344	47
Itasca	71	29	52.3	4.2	.06	-.58	3.05	3.75	2096	234
Moorhead	75	32	56.0	3.5	.02	-.47	3.63	5.62	2525	111
Warroad	71	32	53.8	4.9	.02	-.50	3.19	7.61	1957	-20
<u>NC DIST 2</u>										
Grand Rapids	70	29	52.2	2.1	.32	-.37	.66	3.00	2172	169
Intl. Falls	68	26	49.8	1.7	.15	-.45	2.87	8.00	1901	42
<u>NE DIST 3</u>										
Duluth	70	31	50.7	.8	.34	-.43	-.74	3.51	1972	195
Grand Marais	68	33	50.5	.1	.40	-.32	.04	-2.22	1390	-9
Hibbing	69	23	48.6	.0	.29	-.39	.56	1.71	1997	177
<u>WC DIST 4</u>										
Alexandria	74	36	55.4	3.0	0	-.55	-.30	3.30	2430	113
Browns Valley	77	33	56.2	2.2	0	-.40	2.13	4.36	2459	-111
Canby	77	36	57.7	1.5	0	-.52	5.79	8.27	2689	-25
Dalton	76	39	56.2	2.6	0	-.47	2.92	5.53	2519	115
Montevideo	78	33	56.5	1.9	0	-.47	5.61	8.74	2526	-42
Morris	75	33	54.9	1.5	0	-.51	2.08	5.19	2469	-19
Wheaton	75	35	56.2	2.5	0	-.46	4.26	4.07	2487	-44
<u>CENT DIST 5</u>										
Becker	74	35	55.0	2.2	0	-.59	3.76	7.41	2651	303
Collegeville	75	36	55.0	-.8	0	-.65	-.06	3.42	2705	75
Hutchinson	75	39	57.9	3.1	0	-.44	3.98	9.78	2745	156
Melrose	73	31	53.4	.1	0	-.60	.88	6.38	2365	-96
Olivia	74	34	55.7	1.8	0	-.53	5.08	7.91	2517	4
St. Cloud	74	30	53.4	1.2	0	-.58	2.60	5.05	2536	252
Staples	73	28	53.8	2.8	.24	-.36	.71	5.12	2328	259
Wadena	73	32	53.2	2.8	.01	-.59	.89	7.45	2143	77
Willmar	76	33	55.0	1.0	0	-.55	2.56	11.24	2580	69
<u>EC DIST 6</u>										
Aitkin	72	29	53.8	3.5	.06	-.55	.20	1.98	2124m	177m
Forest Lake	75	35	55.4	1.2	0	-.64	1.43	4.12	2668	204
Hinckley	70	28	49.9	-.1	.08	-.59	1.31	8.81	2113	78
MSP Airport	75	38	57.0	1.3	0	-.51	2.43	3.74	3000	301
St. Paul - UofM	73	34	54.8	-1.2	.01	-.62	1.39	4.30	2696	37
<u>SW DIST 7</u>										
Lamberton	78	33	57.8	2.8	0	-.51	6.35	10.35	2820	199
Marshall	78	37	58.0	2.6	0	-.47	7.38	16.15	2746	65
Pipestone	76	34	55.4	1.6	0	-.58	6.88	14.42	2579	62
Redwood Falls	78	32	57.0	.6	0	-.47	5.10	8.24	2810	21
Worthington	76	36	57.0	3.2	0	-.49	8.51	9.74	2686	237
<u>SC DIST 8</u>										
Faribault	75	30	56.0	1.7	0	-.59	5.96	9.17	2725	224
Mankato	76	32	57.2	2.0	0	-.60	5.17	8.10	2728	111
Waseca	77	29	55.5	.6	0	-.61	8.06	12.40	2720	163
Winnebago	78	35	58.0	1.9	0	-.54	8.33	11.76	2886	229
<u>SE DIST 9</u>										
Preston	81	28	53.4	-1.2	0	-.66	4.08	7.47	2824	411
Red Wing	74	40	56.4	1.1	0	-.65	3.39	7.76	2823	219
Rochester	80	34	55.6	1.7	0	-.58	5.16	5.53	2694	314
Rosemount	75	33	55.8	.7	.02	-.64	2.22	6.81	2690	206
Winona	78	37	56.2	.4	0	-.63	4.27	12.10	2754	109

m=some data missing

Corn growing degree days (GDD) are calculated by subtracting a 50 degree base temperature from the average of the maximum and minimum temperature for the day. The daily maximum is limited to 86 degrees and minimum of 50 degrees.

The MINNESOTA WEEKLY CROP-WEATHER REPORT (USPS-387190) is published weekly in April through November (crop season). Subscription rates are \$15.00 per year for non-reporters and free to survey respondents by the USDA-NASS Minnesota Field Office, P O Box 7068, St. Paul, MN 55107. Periodicals postage paid at St. Paul, Minnesota and other mailing offices. POSTMASTER: Send address changes to the MINNESOTA WEEKLY CROP-WEATHER REPORT, P O Box 7068, St. Paul, MN 55107.

WEEKLY NEWS REPORT  
Minnesota Crop-Weather Report  
Publication No. 387190  
Address Service Requested

USDA, NASS, Minnesota Field Office  
PO Box 7068, ST. PAUL MN 55107

PRESORTED  
FIRST CLASS MAIL  
POSTAGE & FEES PAID  
USDA PERMIT NO G-38